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Fig. 1

SEQ ID NO: 1

GAATTCCGGGCGGCGGCGCCAAACTCCGCGGCGTCCCCAGGGCGCCA CGTTCGCCCTCGCCGCGCGCCGCCGCTCTTCGGCTCCGACATGG AAGATGGACCTTCTAATAATGCGAGCTGCTTCCGAAGGCTGACCGAGT GCTTCCTGAGCCCCAAAGCTAATGGTATAGATATAGAAGTCATCCACA GAGATGTTACAGTTGAAGAGATGGGGGTAGAGAAGACTTTGAAGGAAA AGAATGTAGAATGAGGATAGAAGAGAGGAAATCCCAACATTTAACAGG TTTGACAGATGAAAAGTGAAGGCATATCTTTCTCTCTCACCCCCAGGT ATTAGATGAATTTGTATCTGAAAGTGTTAGTGCAGAGACAGTAGAGAA ATGGCTGAAGAGGAAGAACAACAAATCAGAAGATGAATCAGCTCCTAA GGAAGTCAGCAGGTACCAAGATACGAATATGCAGGGAGTTGTATATGA ACTAAACAGCTATATAGAACAACGGTTGGACACAGGAGGAGACAACCA GCTACTCCTCTATGAACTGAGCAGCATCATTAAAATAGCCACAAAAGC CGATGGATTTGCACTGTATTTCCTTGGAGAGTGCAATAATAGCCTGTG TATATTCACGCCACCTGGGATAAAGGAAGGAAAACCCCGCCTCATCCC TGCTGGGCCCATCACTCAGGGCACCACCGTCTCTGCTTATGTGGCCAA GTCCAGGAAAACACTGCTAGTAGAAGACATCCTTGGAGATGAACGATT TCCAAGAGGTACTGGACTGGAATCAGGGACTCGTATCCAGTCTGTTCT TTGCTTACCAATTGTCACTGCAATTGGTGACTTGATTGGTATTCTCGA GCTGTATCGGCACTGGGGCAAAGAAGCCTTCTGTCTTAGTCACCAGGA GGTTGCAACAGCAAATCTTGCCTGGGCTTCAGTAGCAATACATCAGGT GCAGGTATGCAGAGGCCTTGCCAAACAGACAGAATTGAATGACTTCCT ACTCGACGTATCAAAAACATATTTTGATAACATAGTTGCAATAGATTC TCTACTTGAACACATAATGATATATGCAAAAAACCTGGTGAATGCCGA TCGTTGTGCGCTTTTCCAGGTGGACCATAAGAACAAGGAGTTATATTC AGACCTTTTTGATATTGGAGAGGAAAAGGAAGGAAAACCTGTCTTCAA GAAGACCAAAGAGATAAGATTTCAATTGAGAAAGGAATTGCTGGCCA

AGTAGCAAGAACAGGGGAAGTCCTGAACATTCCAGATGCCTATGCAGA CCCACGCTTTAACAGAGAAGTAGACTTGTACACAGGCTACACCACGCG GAACATCCTGTGCATGCCCATCGTCAGCCGAGGCAGCGTGATAGGTGT GGTGCAGATGGTCAACAAAATCAGTGGCAGTGCCTTCTCTAAAACAGA TGAAAACAACTTCAAAATGTTTGCCGTCTTTTGTGCTTTAGCCTTACA CTGTGCTAATATGTATCATAGAATTCGCCACTCAGAGTGCATTTACCG GGTAACGATGGAAAAGCTGTCCTACCATAGCATTTGTACTTCAGAAGA GTGGCAAGGTCTCATGCAATTCACCCTTCCCGTGCGTCTCTGCAAAGA AATTGAATTATTCCACTTTGACATTGGTCCTTTTGAAAACATGTGGCC TGGAATTTTTGTCTACATGGTTCATCGGTCCTGTGGGACATCCTGCTT TGAGCTTGAAAAGTTGTCTCTTTTTTTTTTTTTTTTGTCTGTGAAGAACAACTA TCGCCGGTTCCTTATCACAACTGGAAGCATGCGGTCACTGTAGCACA CTGCATGTATGCCATACTTCAGAACAATCACACGCTTTTCACAGACCT TGAGCGCAAAGGACTGCTGATTGCGTGTCTGTGTCATGACCTGGACCA CAGGGGCTTCAGTAACAGCTACCTGCAGAAGTTCGACCACCCTCTGGC CGCTCTCTACTCCACTTCCACCATGGAGCACCACCTTCTCCCAGAC TGTGTCCATCCTTCAGTTGGAAGGGCACAATATCTTCTCCACTCTGAG CTCCAGTGAATATGAGCAGGTGCTTGAGATCATCCGCAAAGCCATCAT TGCCACAGACCTTGCTTTATACTTTGGAAACAGGAAGCAGTTGGAAGA CCGTGTAATTGGTTTGATGATGACTGCCTGTGACCTTTGTTCTGTGAC ATTCTGGGCTGAGGGTGATGAAATGAAGAAATTGGGAATACAGCCTAT TCCTATGATGGACAGAGACAAGAAGGATGAAGTCCCCCAAGGCCAGCT TGGGTTCTACAATGCCGTGGCCATTCCCTGCTATACAACCCTTACCCA GATCCTCCCTCCCACGGGGCCTCTTCTGAAAGCATGCAGGGATAATCT CAGTCAGTGGGAGAAGGTGATTCGAGGGGAGAGACTGCAACCTGGAT TTCATCCCCATCCGTGGCTCAGAAGGCAGCTGCATCTGAAGATTGAGC ACTGGTCACCCTGACACGCTGTCCCACCTACAGATCCTCATCTTGCTT

AAGTCAAGCAGAGGACTTCCTGCCAATCTCTTCTGTGAGGCATCATAG ACACTGAGCAACCAGGACCACCCCCACGTTCAGAAATCAGCTGGCCAA GTGACTCCATTTGACTTGCAAACCAGCCTTTTCTAATAGGCTAATATT GCTGAGGCCTTAAAGGAAATGGACAAAAATTATCCAGAAGGGGTACTT TTCCATTGTATCTTTCTAATAAGGGTTTAAAATGGTACTATTATGGTA TTGTACTTGGGCTTTAACATCAATGTTGCTTTGATGTTGTTGGATATA AATAGGAATTTTACACATTACTATTGTGAATGGTGAATGTTCATGTAT GACCTACTTGTAATTAACTTGAGTTGTAGTCCACAGCCTCAGGACAAA TGTCGTTGAGGTTACAGAGTAAGAAATGATGGCAAAACGTCAAACTCT TATTTCAGAGCTTCATGAATTTAGTTAGACTAAACATAATTCTTTAAG TTCAACCTAAAGGGCTGAGATCAATAAATTTAACACTAGACGAAGTAG ACTTCCTGTCTTTTTGAGAAGAGATGAGGTATATGTTACAATAAATCT CAGAACTTCAAGTAGCAGTTCAAAAGATGTCAGTTTTTAAAATTGTTT TTGTTGTTGTCTTGGCAGTTTTACTGAACCCTTTGCATAAAGAACAAA ATAAAAGCTCGGCATTGTAATTTTTTTAATGGACAAGTCTTATGGATA CGAGGGGTACATTTTCATAATGATTCCTTTATATTTTCACTTTGTGT CATATGCAGAATTTTAGACTCTCATTCACAATGAAAAGTTTATTTTAA ACATTGTTTAATTAAAATACCATACAGTTCTCTTTTAAACATCAAACC ATAAAAAGTGTATTTTGTAATTTTACTCTGACCTGCCGCAGTCACCTC TCACTTATCTCTCCACGTACTGCACGGTCGTATTTCATGAGCTTTCT GTCCATAGCACAGAAACAGAGCAGAAAGTAGTACAATCATGTTGGACC TTCTTTCTGTTCTCTTACTCTTCTCACAGATCAGATCACTCCATAGA AGCCTGTGGGTTTCGATGGTTTCTTCTATACACCTTTTTTGGTTGACCA GTATTACTATACAATGTAAGTGTTTTAAAAAATACGAAAGTAATACTC TGCACCCCTTCCTACAAAGATGATAAAGCAGTCACTTCTGGCGCATTT TAATAATTTAAAGATTTTTAGTGCAATGGCACGGTAACCTCCAAACCT GAATTAGACAGAGACTCACTCAGGAAGTGACAGGCCCATCATATCAAA

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Fig. 2

SEQ ID NO: 2

MRIEERKSQHLTGLTDEKVKAYLSLHPQVLDEFVSESVSAETVEKWLK RKNNKSEDESAPKEVSRYODTNMQGVVYELNSYIEQRLDTGGDNQLLL YELSSIIKIATKADGFALYFLGECNNSLCIFTPPGIKEGKPRLIPAGP ITQGTTVSAYVAKSRKTLLVEDILGDERFPRGTGLESGTRIOSVLCLP IVTAIGDLIGILELYRHWGKEAFCLSHQEVATANLAWASVAIHQVQVC RGLAKOTELNDFLLDVSKTYFDNIVAIDSLLEHIMIYAKNLVNADRCA LFQVDHKNKELYSDLFDIGEEKEGKPVFKKTKEIRFSIEKGIAGOVAR TGEVLNIPDAYADPRFNREVDLYTGYTTRNILCMPIVSRGSVIGVVOM VNKISGSAFSKTDENNFKMFAVFCALALHCANMYHRIRHSECIYRVTM EKLSYHSICTSEEWQGLMQFTLPVRLCKEIELFHFDIGPFENMWPGIF VYMVHRSCGTSCFELEKLCRFIMSVKKNYRRVPYHNWKHAVTVAHCMY AILQNNHTLFTDLERKGLLIACLCHDLDHRGFSNSYLQKFDHPLAALY STSTMEQHHFSQTVSILQLEGHNIFSTLSSSEYEQVLEIIRKAIIATD LALYFGNRKOLEEMYOTGSLNLNNOSHRDRVIGLMMTACDLCSVTKLW PVTKLTANDIYAEFWAEGDEMKKLGIOPIPMMDRDKKDEVPOGOLGFY NAVAIPCYTTLTQILPPTEPLLKACRDNLSQWEKVIRGEETATWISSP SVAQKAAASED

Fig. 3

SEQ ID NO: 3

5'-TTTTCAAGCTCAAAGCAGGATG-3

Fig. 4

SEQ ID NO: 4

5'-ACATGTGGCCTGGAATTTTTGT-3'

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Fig. 5

SEQ ID NO: 5

5'-CCCACAGGACCGATGAACCATG-3'